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Reviewer: Keisha Douglas

Timestamp: [year=2009; month=1; day=23; hr=14; min=18; sec=3; ms=533; ]

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Application No: 09237183 Version No: 3.0

Input Set:

Output Set:

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Finished: 2009-01-09 15:19:38.629  
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Total Warnings: 0  
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<110> Cheikh, Nordine  
 Fisher, Dane K.  
 Liu, Jingdong

<120> Nucleic Acid Molecules And Other Molecules Associated With The  
 Sucrose Pathway

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<150> US 60/067,000

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 ctggtcgcat tgaggtttct gctcagaatg tgtggattgg aaaaggagga gcctacaccg 240  
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 gtggcaactg gaaatgcaat ggaaccacag atcaggtcga gaagattgtc aaaaccctga 180

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ccaagcgtga cccgtccacc gaagtcgtca tcgccccctc cgccatctat ctgcgcgtca 180  
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tgctgcacaa acaaaggcta ttgctgaaaa aatatcagat tggacaaata ttgtgttggc 240  
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<212> DNA  
<213> Zea mays

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tggtgctgca caaacaaagg ctattgctga aaaaatatca gattggacaa atattgtgtt 180  
ggcatatgaa ccagtttggg ctattggtac cggcaaagtt gcaattccgg ttcaggctca 240  
ggaggtccat gatggc 256

<210> 12  
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<212> DNA  
<213> Zea mays

<400> 12

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tcacccacag aaccttggtg ggtagcctag cctccctggt acccctacgc ttaccatata 120  
ctgagtggcg tcccttttgc ttggcgctcat gtgcccttct tgc 163

<210> 13  
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<212> DNA

<213> Zea mays

<400> 13

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acactctgaa aggagagctc tgctgggaga atcaaatgaa tttgttggag acaaggttgc 180

gtatgccttg tctcagggaac taaagggtcat tgcattgtgt ggtgagaccc ttgagcagag 240

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caaggactgg 310

<210> 14

<211> 297

<212> DNA

<213> Zea mays

<400> 14

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gtcattcttg gacactctga aaggagagct ctgctgggag aatcaaatga atttgttga 180

gacaagggtg cgtatgcctt gtctcaggga ctaaagggtc ttgcatgtgt tggtagagacc 240

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<211> 305

<212> DNA

<213> Zea mays

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<222> (1)..(305)

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ccatggaggt tgttgctgca caaacaaaag caattgctga gaagatcaag gactggagca 180

acgtagtgtg tgccatgaa ccagtttggg ctattggaac tggtaaagtt gccacccag 240

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<212> DNA  
<213> Zea mays

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gaggctctgt aactgctgcg aactgcaaag agctagcagc acagcctgat gtcgatggtt 180  
ttcttgtcgg tggagcttct ttgaagcctg agttcatcga catcatcaac gcggccaccg 240  
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<210> 17  
<211> 285  
<212> DNA  
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<400> 17

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<211> 338  
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caatggaacc acagatcagg tcgagaagat tgtcaaaacc ctgaatgaag gacaggttcc 180  
cccttcagat gttgtggagg tcgttgctcag ccctccttat gtcttccttc ctgttggtcaa 240  
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tgcttttact ggtgaagtca gtgctgagat gctcgtca 338

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gcctgtctc agggactaaa ggtcattgca tgtgttggtg agacccttga gcagaggag 180  
gctgggtcta ccatggatgt tgttgctgca caacaaaag caattgctga gaagatcaag 240  
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tctcaggac taaaggatcat tgcattgtgtt ggtgagaccc ttgagcagag ggaggctggg 180  
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agcaacgtag ttgttgccata tgaaccagtt tgggctattg gaa 283

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<211> 290  
<212> DNA  
<213> Zea mays

<400> 21

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tggaactggt aaagttgcc cccagctca ggctcaggaa gtgcacgcct ccctgaggga 180  
ttggctaaaag accaatgcc gccctgaggt tgctgaatct actaggatca tctacggagg 240  
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<210> 22  
 <211> 290  
 <212> DNA  
 <213> Zea mays

<400> 22

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 tctgctggga gaatcaaatg aatttggttg agacaagggt gcgtatgcc tgtctcaggg 180  
 actaaaggctc attgcatgtg ttggtgagac ccttgagcag agggaggctg ggtctaccat 240  
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<210> 23  
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 <212> DNA  
 <213> Zea mays

<400> 23

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 cagagggagg ctgggtctac catggatggt gttgctgcac aaacaaaagc aattgctgag 180  
 aagatcaagg actggagcaa cgtagttggt gcctatgaac cagtttgggc tattggaact 240  
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 <211> 316  
 <212> DNA  
 <213> Zea mays

<400> 24

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 tgccacccca gctcaggctc aggaagtgca cgcctccctg agggattggc taaagaccaa 180  
 tgccagccct gaggttgctg aatctactag gatcatctac ggaggctctg taactgctgc 240  
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cgcgccacc gtgaagtccg cttaatgatgc tacgctgaag acgaacatac tttttttttg 240  
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ctgggagaat caaatgaatt tgttgagac aaggttgcgt atgcctgtc tcagggacta 180  
aaggtcattg catgtgttg tgagaccctt gagcagaggg aggctgggtc taccatggat 240  
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<212> DNA  
<213> Zea mays

<400> 27

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acgtattgtt gcctatgaac cagtttgggc tattggaact ggtaaagttg ccacccagc 180  
tcaggctcag gaagtgcacg cctccctgag ggattggcta aagaccaacg tcagccctga 240

ggttgctgaa tctactagga tcatttac 268

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<212> DNA  
<213> Zea mays

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agggagggtg ggtctaccat ggatgttgtt cgtgcacaaa caaaagcaat tgctgagaag 180  
atcaaggact ggagcaacgt agttgttgcc tatgaaccag tttgggctat tggaactggt 240  
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tggtgcctat gaaccagttt gggctatttg aactggtaaa gttgccaccc cagctcaggc 180  
tcaggaagtg cagcctccc tgagggattg gctaaagacc aatgccagcc ctgaggttgc 240

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gaatgaagga caggttcccc cttcagatgt tgtggaggtc gttgtcagcc ctcttatgt 180

cttcttcct gtggtcaaga gccagctgcg ccaagagttc catgttgctg ctcagaactg 240

ctgggtgaag aaggagggtg ctttcactgg tgaagtcagt gctgagatgc tcgtcaacct 300

tg 302

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ttggacactc tgaaaggaga gctctgctgg gagaatcaaa tgaatttggt ggagacaagg 180

ttgcgtatgc cctgtctcag ggactaaagg tcattgcatg tgttggtgag acccttgagc 240

agagggaggc tgggtc 256

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<213> Zea mays

<400> 33

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catggatggt	gttg					254

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atgctacgct gaagacgaac atactttttt ttgctcaac tgtgctatgt aagctagtag 180  
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taatgtttac c 251

<210> 37  
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<400> 37

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acggaggctc tgtaactgct gcgaactgca aagagctagc agcacagcct gatgtcgatg 180  
gttttcttgt cgggtggagct tctttgaagc ctgagttcat cgacatcatc aacgcggcca 240  
ccgtga 246